

**The University of Texas System
Released Inventions Report – 2000**

Release Date	Name of Inventor(s)	Description or Title of Invention	UT Institution	OGC #
01/03/2000	Edmund Kim David Yang	Diagnosis and Therapy of ER(+) Diseases Using Water Soluble Raloxifene Analogues	UTMDACC	50656
01/31/2000	Izabela Fokt Grzegorz Gryniewicz Marta Krawczyk Roman Perez-Soler Waldemar Priebe Piotr Skibicki	Method and Compositions for the Manufacture of Halogenated Anthracyclines with Increased Antitumor Activity, Other Anthracyclines, Halogenated Sugars, and Glycosyl Donors	UTMDACC	50785
01/31/2000	Wei Zhang	A Modified Tumor Suppressor Gene p53 with Enhanced Function	UTMDACC	50786
01/31/2000	David Hejik Lazar Kottickal Hong Liang Lalitha Nagarajan	The JV5.1 Gene-A Homolog of the Tumor Suppressor DPC-4	UTMDACC	50787
02/08/2000	Santosh D'Mello Joseph LoTurco	Utilization of a Novel Neurological Mutant to Screen for Drugs and Growth Factors for the Treatment of Neurodegenerative Pathologies, Microcephaly, and Epilepsy	UTD	50741
02/28/2000	Karen Artzt Carrie Loushin	The STAR Protein Quaking-6 as a Translational Repressor	UTAUS	50890
02/28/2000	Josh Riley Jenson Ho	The Guardian Angel – Child Monitoring Device	UTAUS	50891
02/28/2000	Jaquelin Dudley Shelley Payne	A Novel Method for Delivery of Therapeutic Genes by Lymphocyte Targeting	UTAUS	50892

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03/03/2000	Ward Casscells	Method of Predicting Mortality in Congestive Heart Failure Patients	UTHSCHOU	50950
04/03/2000	David Menter	Slide Guide – Immunohistochemical Slide Staining System	UTMDACC	51197
04/03/2000	Waldemar Priebe	Manipulation of Oxidative Phosphorylation Hypersensitizes Tumor Cells to Glycolytic Inhibitors	UTMDACC	51198
04/03/2000	Shu Fang Jia Eugenie Kleinerman Laura Worth Zhichao Zhou	Intranasal Therapy with an Adenoviral Vector Containing the Murine Interleukin 12 (IL-12) Genes in Metastatic Osteosarcoma in Nude Mice	UTMDACC	51361
04/05/2000	Owen Hamill	Improved Methods for Preservation of Red Blood Cells for Transfusion	UTMB	51161
04/05/2000	William Fleischmann	Methods and Compositions Employing Interferon-Gamma	UTMB	51286
04/10/2000	Yu-Chuan Pan	New Model for Microsurgery Training Course	UTMDACC	51473
05/04/2000	Michael Keating Hagop Kantarjian William Plunkett, Jr.	Treatment of Chronic Lymphocytic Leukemia and Other Leukemias with Clofarabine	UTMDACC	51488
05/04/2000	Hagop Kantarjian Michael Keating Charles Koller Susan O'Brien Moshe Talpaz	Subcutaneous (SC) HHT Therapy	UTMDACC	51656

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05/05/2000	Virginia Marchman	Scoring Program for the MacArthur Communicative Development Inventories	UTD	51287
05/08/2000	Allen Bard	Decomposition Solution for Copper Plating Bath	UTAUS	51362
05/17/2000	Zhen Fan Yang Lu John Mendelsohn Mathias Schmidt	A CDK Inhibitor-Based Cellular System for Identifying Novel Cell Cycle-Specific Antineoplastic Compounds	UTMDACC	51489
05/22/2000	Peter Collins Robert Newman Peiying Yang	12-Methyltetradecanoic Acid, a Specific Component Extracted From Sea Cucumber, is a Protein Inhibitor of Lipoygenase Enzymes that Induces Apoptosis in Human Tumor Cell Lines	UTMDACC	51662
05/25/2000	Glen Evans	Method for Complete Chemical Synthesis and Assembly of Genes and Genomes	UTSWMC	51561
06/01/2000	Lezlee Coghlan	Rodent Feed Block and Hanger	UTMDACC	51658
06/01/2000	Mien-Chie Hung Ruping Shao	The Factor Inducing Bystander Effect of E1A Gene Therapy	UTMDACC	51659
06/01/2000	Jeffrey Lee	Parathyroid Gamma Probes	UTMDACC	51661
06/01/2000	Mien-Chie Hung Kaiyi Li	Shc Deletion Mutant Suppresses Transformation by HER-2/neu	UTMDACC	51665
06/08/2000	Edwin Blalock Kenneth Bost Eric Smith	Polypeptides Complementary to Peptides or Protein Having an Amino Acid Sequence or Nucleotide Coding Sequence at Least Partially Known	UTMB	51669
06/13/2000	Wayne March	Ocular Glucose Sensor I, Ocular Glucose Sensor II	UTMB	51610

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06/29/2000	Massoud Motamedi	A Novel Approach for Myocardial Protection and Revascularization	UTMB	51670
06/29/2000	Rinat Esenaliev Alexander Karabutov Massoud Motamedi Alexander Oraevsky	Real-Time Optoacoustic Monitoring of Changes in Tissue Properties	UTMB	51671
06/29/2000	Alexander Karabutov Alexander Oraevsky	Time-Resolved Method and Opto-Acoustic System for Noninvasive Monitoring of Glucose	UTMB	51672
07/05/2000	Richard Cristiano Gail Frazier Herbert Grossman Monica Liebert Motoyoshi Tanaka	Connexin 26 Enhances the Bystander Effect in HSVtk/GCV Gene Therapy for Human Bladder Cancer by Adenovirus/PLL/DNA Gene Delivery	UTMDACC	51657
07/05/2000	Bingliang Fang Shunsuke Kagawa Jack Roth	Blocking Adenovirus Infection by Use of Synthetic Oligopeptides	UTMDACC	51880
07/17/2000	Roman Perez-Soler Yiyu Zou	Gene Therapy of Tumors Using Non-Viral Delivery	UTMDACC	51879
07/20/2000	Adel El-Naggar Susan Evans Guillermina Lozano	Alternate HDM2 Transcripts Activate p53	UTMDACC	51878
08/01/2000	Wilson Geisler Philip Kortum	Foveated Image Coding System and Method for Image Bandwidth Reduction	UTAUS	51881
08/01/2000	Dennis Deppe	Semiconductor Device Having an Oxide Defined Aperture	UTAUS	51882

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08/04/2000	Jun Wang Miles Wilkinson	Efficient Site-Directed Mutagenesis of Large (13-kb) Plasmids	UTMDACC	52049
08/09/2000	Rosalie Johnson Cynthia Glenn Timms	Q-Tip Measuring Device	UTMDACC	52050
09/05/2000	James Lechleiter	Wavelength Corrector to Minimize Lateral Dispersion Through an Acoustic Optical Deflector (AOD)	UTHSCSA	52165
09/06/2000	Kevin Larson	Phonemic Blocks	UTAUS	52207
09/18/2000	Jens Boving Mark Bushman Daniel Supkis, Jr.	Split Loom Tubing Wire/Cable	UTMDACC	52327
09/21/2000	Jens Boving Mark Bushman Eduardo del la Torre Steven Kornblau	A Two Chamber Device to Facilitate Loading of Multiple Mice into an Acrylic Holder for Total Body Irradiation	UTMDACC	52409
10/02/2000	Adam Heller	Cathodic Protection of Genes	UTAUS	52285
10/09/2000	Roger Price	Multistation Rodent Volatile Anesthesia-Administration and Scavenging System	UTMDACC	52422
10/19/2000	Staley Brod	Methods and Composition for Treating Cognitive Decline	UTHSCHOU	52391
10/23/2000	Ying Guo Macey Harmeier	Surgical Drain Carrier	UTMDACC	25218
10/23/2000	Elena Kleymenova Cheryl Walker	Use of a Luciferase Report Construct to Measure Lac Expression and Titrate IPTG Levels	UTMDACC	52519

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10/26/2000	Rakika Harshey Joe Robert Mireless Adam Toguchi	Inhibition of Bacterial Biofilm Formation by Surfactin	UTAUS	52416
11/01/2000	Deming Zhou	Improved Vertical Slab Gel Electrophoresis Cell and Method Transfer	UTSWMC	52679
11/07/2000	Ying Guo	Transfer Board with Video Illustration of Prone Transfer Method	UTMDACC	52605
11/07/2000	Ying Guo	Inferior Vena Cava (IVC) Filter Coated With or/and Slowly Releasing Anticoagulant Agents	UTMDACC	52606
11/07/2000	Ying Guo	Beside Commode with a Rotating Device	UTMDACC	52612
12/07/2000	Jim Klostergaard	Liposomal Ceramide	UTMDACC	52816
12/12/2000	Bugao Xu	Fabric Crease Evaluation	UTAUS	52735
12/13/2000	Daniel Couriel	Infliximab for the Treatment of Graft-Versus-Host Disease in Allogeneic Transplant Recipients	UTMDACC	52817
12/13/2000	Li Mao Ximing Tang	DAP-Kinase as a Prognostic Marker for Patients with Lung Cancer	UTMDACC	52818
12/13/2000	Mien-Chie Hung Wei-Ping Lee	Adenovirus Type 5 E1A Downregulates the Transforming Tyrosine Kinase Axl	UTMDACC	52819
12/13/2000	Lawrence Lachman Janet Price Xiao-Mei Rao	A Sinbis Virus Replicon Containing-Plasmid Encoding the Sequence for Rat HER2/neu Suitable for Vaccination Against HER2/neu+ Tumors	UTMDACC	52820